

Product datasheet for RC226490

TENM2 (NM_001122679) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TENM2 (NM_001122679) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TENM2
Synonyms:	ODZ2; ten-2; TEN-M2; TEN2; TNM2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC226490 representing NM_001122679 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >RC226490 representing NM_001122679
 Red=Cloning site Green=Tags(s)

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Chromatograms: https://cdn.origene.com/chromatograms/mk8006_b07.zip

Restriction Sites: Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001122679

ORF Size: 8295 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

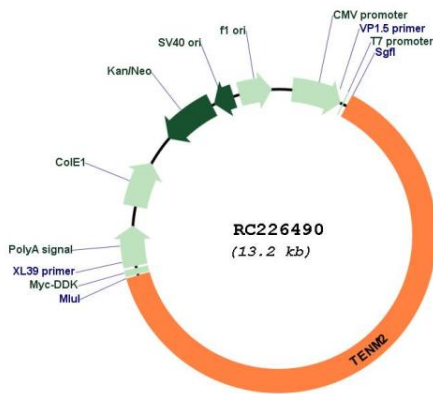
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001122679.2](#)
RefSeq ORF: 8298 bp
Locus ID: 57451
Cytogenetics: 5q34
Protein Families: Druggable Genome, Transmembrane
MW: 306.7 kDa
Gene Summary: Involved in neural development, regulating the establishment of proper connectivity within the nervous system. Promotes the formation of filopodia and enlarged growth cone in neuronal cells. Induces homophilic cell-cell adhesion (By similarity). May function as a cellular signal transducer.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC226490